UNITED STATES THAYER JUNCTION QUADRANGLE DEPARTMENT OF THE INTERIOR WYOMING-SWEETWATER CO. 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 4267 IV (SUPERIOR 1:62 500) 108° 52'30" 109° 00′ 41° 45′ 57'30" R. 102 W. 31 33 34 32 31 T. 21 N. T. 20 N. T. 20 N. NOTE: Overburden isopachs are not drawn beyond those shown because of insufficient data. 11 12 10 11 14 13 16 15 18 17 42'30" 42'30" 23 24 19 20 21 22 23 25 26 30 29 27 26 32 34 33 35 31 T. 20 N. 12 11 10 11 15 (POINT OF ROCKS SW)
4267 III SW
SCALE 1:24000 Base from U.S. Geological Survey, 1968 1°22' 24 MILS WYOMING UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

OPEN FILE REPORT 79-143
PLATE 7 OF 9

EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval is 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

0 45

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

RS-3 - Rock Springs No. 3 COAL BED SYMBOL AND NAME

----RS-3----

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Short dashed where inferred by present authors.

TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is known. Dashed where inferred or approximately located.

To convert feet to meters, multiply feet by 0.3048.

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

COAL RESOURCE OCCURRENCE MAP OF THE THAYER JUNCTION QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY
DAMES & MOORE
1979

PLATE 7

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE ROCK SPRINGS NO. 3 COAL BED